

Substitute Form PTO-1449
(modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
09010-004005Application No.
09/886,400**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)Applicant
Murphy, et al.Filing Date
June 20, 2001Group Art Unit
1652

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>DR</i>	AA	5,686,294	Nov 11, 1997	Sogabe et al.			
	AB						
	AC						
	AD						

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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>DR</i>	AE	0 687 732A1	Dec 20, 1995	EP				
<i>DR</i>	AF	0 606 008A2	July 13, 1994	EP				
	AG							
	AH							
	AI							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>DR</i>	AJ	O.N. Dakhova, et al., "Cloning and Expression in <i>Escherichia coli</i> of <i>Thermotoga neapolitana</i> Genes Coding For Enzymes of Carbohydrate Substrate Degradation", <u>Biochemical and Biophysical Research Communications</u> , Academic Press, Inc., Orlando, Florida, USA, vol. 194, No. 3, August 16, 1993, pages 1359-1364
<i>DR</i>	AK	F. Canganella et al., "Characterization of amylolytic and pullulytic enzymes from thermophilic archaea and from a new <i>Fervidobacterium</i> species", <u>Applied Microbiology and Biotechnology</u> , Springer-Verlag, Berlin, Germany, Vol. 42, No. 2/3, 1994, pages 239-245
<i>DR</i>	AL	GenBank Database Record NID g3236129 "Pyrococcus horikoshii OT3 genomic DNA, 287001-544000 nt. Position", Submitted by Tanaka et al, 7/25/98
	AM	

Examiner Signature

[Signature]

Date Considered

1/26/05

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)